

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013591.D
 Acq On : 03 May 2023 18:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 01:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	50.000	56.417	-12.8	119	0.00
3 P	Chloromethane	50.000	48.594	2.8	108	0.00
4 C	Vinyl Chloride	50.000	48.739	2.5#	108	0.00
5 T	Bromomethane	50.000	45.899	8.2	106	0.00
6 T	Chloroethane	50.000	47.431	5.1	109	0.00
7 T	Trichlorofluoromethane	50.000	52.880	-5.8	116	0.00
8 T	Diethyl Ether	50.000	53.692	-7.4	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.738	-7.5	120	0.00
10 T	Methyl Iodide	50.000	45.344	9.3	90	0.00
11 T	Tert butyl alcohol	250.000	318.909	-27.6#	149	0.00
12 CM	1,1-Dichloroethene	50.000	51.572	-3.1#	110	0.00
13 T	Acrolein	250.000	183.560	26.6#	86	0.00
14 T	Allyl chloride	50.000	52.234	-4.5	111	0.00
15 T	Acrylonitrile	250.000	316.691	-26.7#	133	0.00
16 T	Acetone	250.000	294.970	-18.0	116	0.00
17 T	Carbon Disulfide	50.000	48.467	3.1	103	0.00
18 T	Methyl Acetate	50.000	61.300	-22.6	131	0.00
19 T	Methyl tert-butyl Ether	50.000	58.017	-16.0	121	0.00
20 T	Methylene Chloride	50.000	52.844	-5.7	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.622	-7.2	113	0.00
22 T	Diisopropyl ether	50.000	55.833	-11.7	119	0.00
23 T	Vinyl Acetate	250.000	326.666	-30.7#	134	0.00
24 P	1,1-Dichloroethane	50.000	54.072	-8.1	116	0.00
25 T	2-Butanone	250.000	315.467	-26.2#	130	0.00
26 T	2,2-Dichloropropane	50.000	53.730	-7.5	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.139	-10.3	118	0.00
28 T	Bromochloromethane	50.000	52.868	-5.7	116	0.00
29 T	Tetrahydrofuran	250.000	318.947	-27.6#	133	0.00
30 C	Chloroform	50.000	56.802	-13.6#	123	0.00
31 T	Cyclohexane	50.000	49.914	0.2	112	0.00
32 T	1,1,1-Trichloroethane	50.000	56.421	-12.8	121	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.978	-8.0	123	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	52.723	-5.4	118	0.00
36 T	1,1-Dichloropropene	50.000	56.031	-12.1	119	0.00
37 T	Ethyl Acetate	50.000	63.115	-26.2#	127	0.00
38 T	Carbon Tetrachloride	50.000	58.350	-16.7	122	0.00
39 T	Methylcyclohexane	50.000	55.541	-11.1	115	0.00
40 TM	Benzene	50.000	56.381	-12.8	118	0.00
41 T	Methacrylonitrile	50.000	59.470	-18.9	122	0.00
42 TM	1,2-Dichloroethane	50.000	60.627	-21.3	126	0.00
43 T	Isopropyl Acetate	50.000	62.228	-24.5	128	0.00
44 TM	Trichloroethene	50.000	56.461	-12.9	118	0.00
45 C	1,2-Dichloropropane	50.000	57.111	-14.2#	120	0.00
46 T	Dibromomethane	50.000	58.791	-17.6	123	0.00
47 T	Bromodichloromethane	50.000	59.854	-19.7	125	0.00
48 T	Methyl methacrylate	50.000	64.880	-29.8#	128	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1379.159	-37.9#	139	0.00
50 S	Toluene-d8	50.000	51.045	-2.1	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	333.169	-33.3#	134	0.00
52 CM	Toluene	50.000	58.210	-16.4#	121	0.00
53 T	t-1,3-Dichloropropene	50.000	59.918	-19.8	123	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.739	-15.5	120	0.00
55 T	1,1,2-Trichloroethane	50.000	61.510	-23.0	129	0.00
56 T	Ethyl methacrylate	50.000	64.197	-28.4#	127	0.00
57 T	1,3-Dichloropropane	50.000	60.214	-20.4	126	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	295.275	-18.1	133	0.00
59 T	2-Hexanone	250.000	343.001	-37.2#	134	0.00
60 T	Dibromochloromethane	50.000	60.873	-21.7	125	0.00
61 T	1,2-Dibromoethane	50.000	60.819	-21.6	125	0.00
62 S	4-Bromofluorobenzene	50.000	55.427	-10.9	126	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64 T	Tetrachloroethene	50.000	57.423	-14.8	125	0.00
65 PM	Chlorobenzene	50.000	55.932	-11.9	122	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.455	-16.9	129	0.00
67 C	Ethyl Benzene	50.000	57.582	-15.2#	124	0.00
68 T	m/p-Xylenes	100.000	114.510	-14.5	123	0.00
69 T	o-Xylene	50.000	56.949	-13.9	121	0.00
70 T	Styrene	50.000	58.745	-17.5	125	0.00
71 P	Bromoform	50.000	62.625	-25.3#	135	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.00
73 T	Isopropylbenzene	50.000	55.065	-10.1	124	0.00
74 T	N-amyl acetate	50.000	60.761	-21.5	131	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.505	-17.0	132	0.00
76 T	1,2,3-Trichloropropane	50.000	57.045	-14.1	127	0.00
77 T	Bromobenzene	50.000	57.456	-14.9	129	0.00
78 T	n-propylbenzene	50.000	55.314	-10.6	124	0.00
79 T	2-Chlorotoluene	50.000	55.512	-11.0	125	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.512	-13.0	126	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.971	-15.9	125	0.00
82 T	4-Chlorotoluene	50.000	55.258	-10.5	125	0.00
83 T	tert-Butylbenzene	50.000	57.079	-14.2	128	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.903	-15.8	128	0.00
85 T	sec-Butylbenzene	50.000	55.646	-11.3	125	0.00
86 T	p-Isopropyltoluene	50.000	57.240	-14.5	129	0.00
87 T	1,3-Dichlorobenzene	50.000	56.275	-12.5	128	0.00
88 T	1,4-Dichlorobenzene	50.000	55.956	-11.9	129	0.00
89 T	n-Butylbenzene	50.000	56.547	-13.1	128	0.00
90 T	Hexachloroethane	50.000	54.604	-9.2	127	0.00
91 T	1,2-Dichlorobenzene	50.000	58.141	-16.3	131	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	64.049	-28.1#	148	0.00
93 T	1,2,4-Trichlorobenzene	50.000	63.018	-26.0#	144	0.00
94 T	Hexachlorobutadiene	50.000	62.169	-24.3	147	0.00
95 T	Naphthalene	50.000	68.619	-37.2#	151	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	64.264	-28.5#	145	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6